

What is claimed is:

1. A composition for preventing or treating cancer in a subject comprising at least a portion of a MUC1 cytoplasmic tail peptide of SEQ ID NO:1.
- 5 2. A method for preventing or treating cancer in a subject comprising administering to a subject an effective amount of a composition of claim 1 so that cancer is prevented or treated in the subject.
- 10 3. The method of claim 1, wherein the at least a portion of a MUC1 cytoplasmic tail peptide of SEQ ID NO:1 comprises a vaccine.